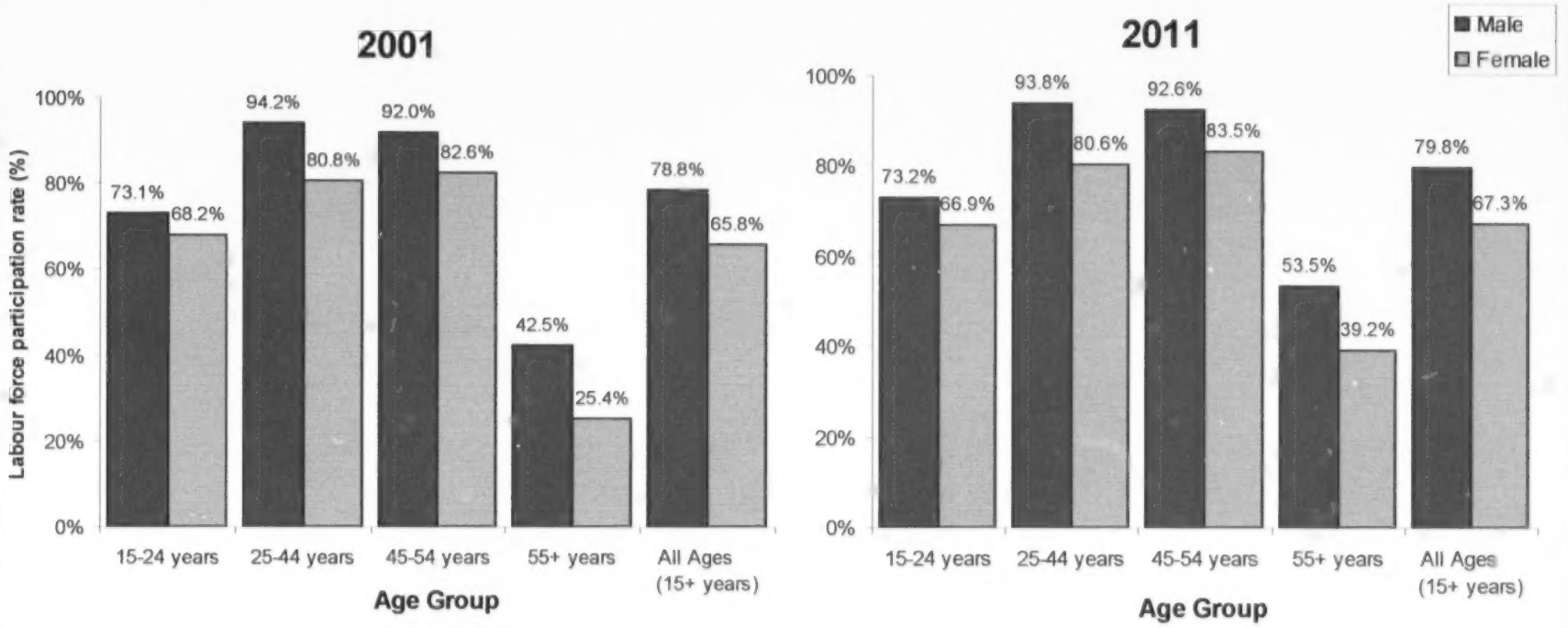
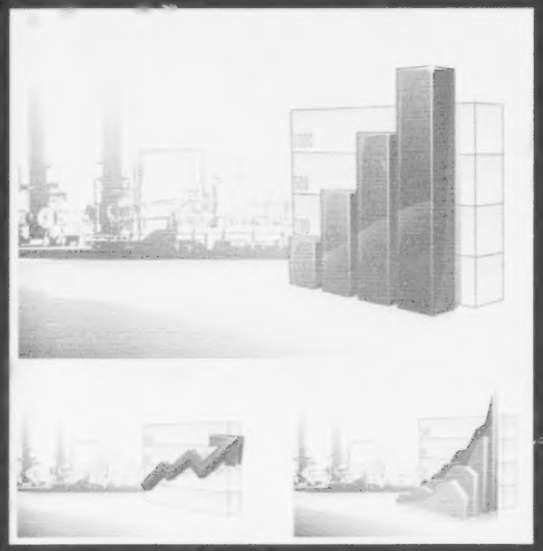
Factors Likely to Affect Alberta's Labour Market

- Global economic and financial uncertainty created by the Eurozone debt crisis
- Economic growth in emerging markets
- Pace of economic growth in the United States (US)
- Value of the Canadian dollar
- Price of oil and natural gas
- Household debt and its impact on consumer spending
- Babyboomers beginning to retire
- Interprovincial and international net migration

Alberta
Participation Rate by Age Group and Sex



Data Source: Statistics Canada, 2011 Labour Force Survey



Alberta Labour Market Outlook

Released March 2012

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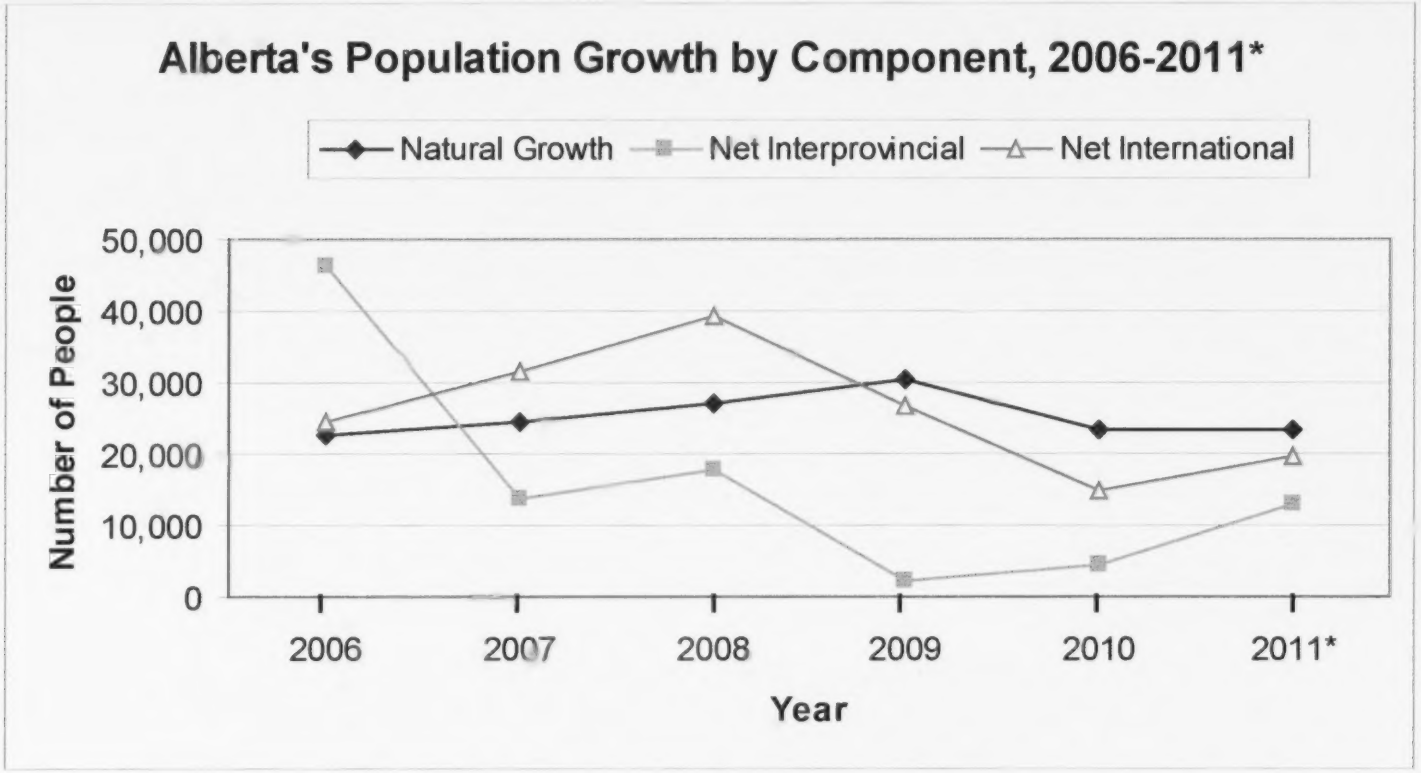
Human Services

Alberta

Components of Population Growth, 2006 - 2011



*Figures for 2011 are for the first three quarters only

Note: Net International includes Net Non-Permanent Residents

Data Source: Statistics Canada.

Prepared by: Alberta Finance, Economics, Demography and Public Finance, December 20, 2011

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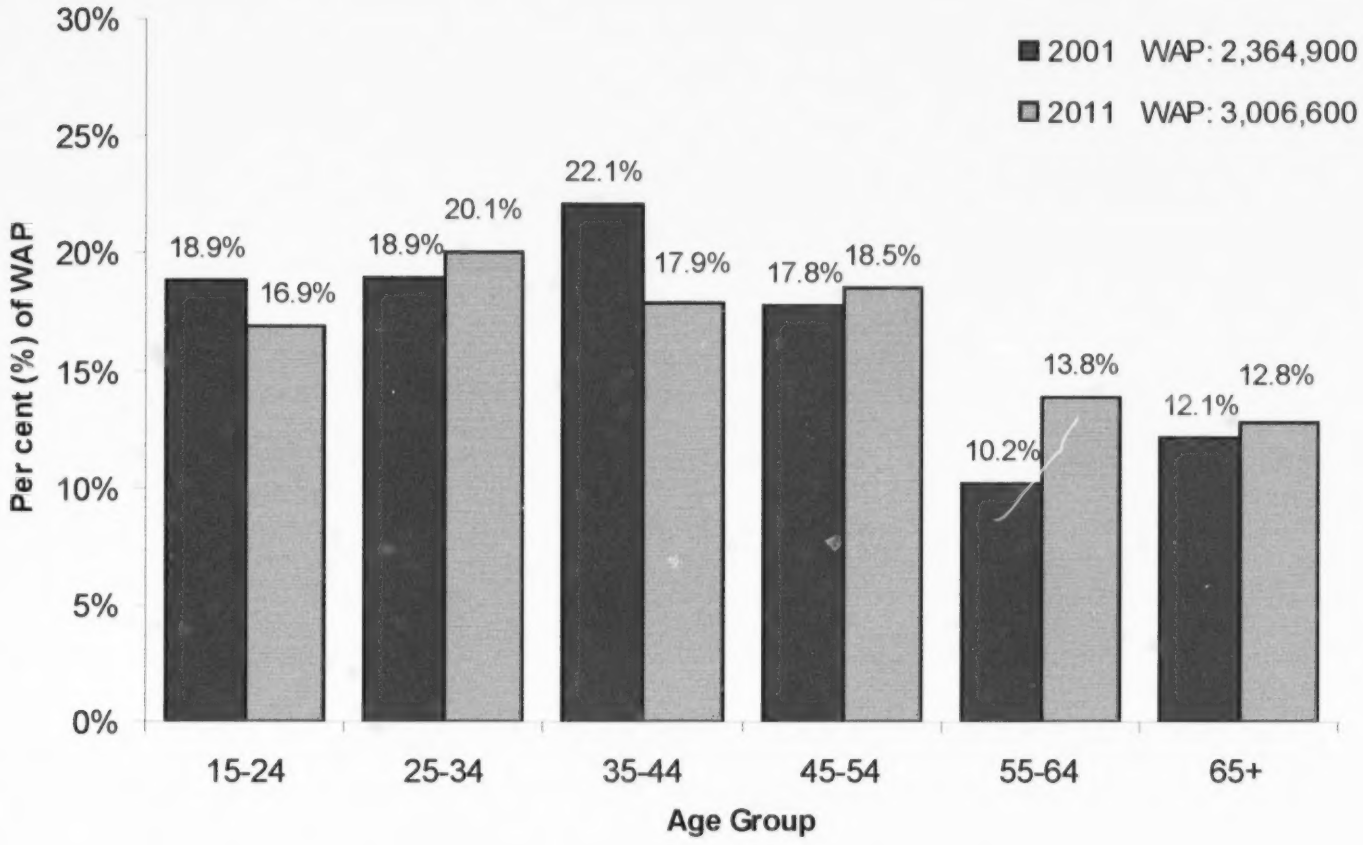
Alberta
Working Age Population (WAP) by Age Group



Data Source: Statistics Canada, 2011 Labour Force Survey

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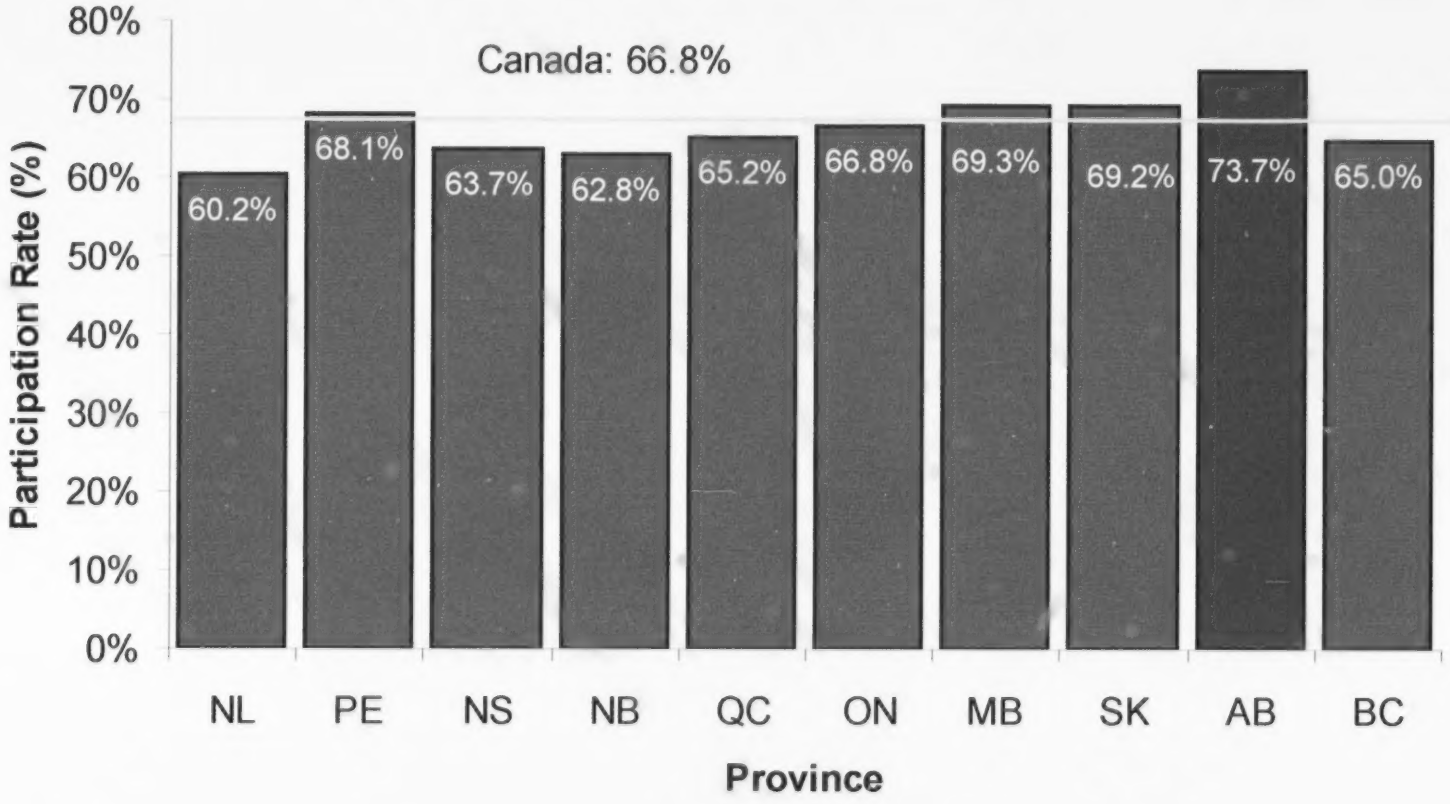
Human Services

Canada and Provinces

Labour Force Participation Rates, 2011



Data Source: Statistics Canada, 2011 Labour Force Survey

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Human Services

Alberta
Labour Force Statistics by Economic Region, 2011

Athabasca – Grande Prairie:

Working Age Population: 190,600

Labour Force: 142,600

Unemployment Rate: 5.6%

Jasper – Banff – Rocky Mountain House:

Working Age Population: 71,900

Labour Force: 55,000

Unemployment Rate: 3.5%

Red Deer:

Working Age Population: 154,300

Labour Force: 114,600

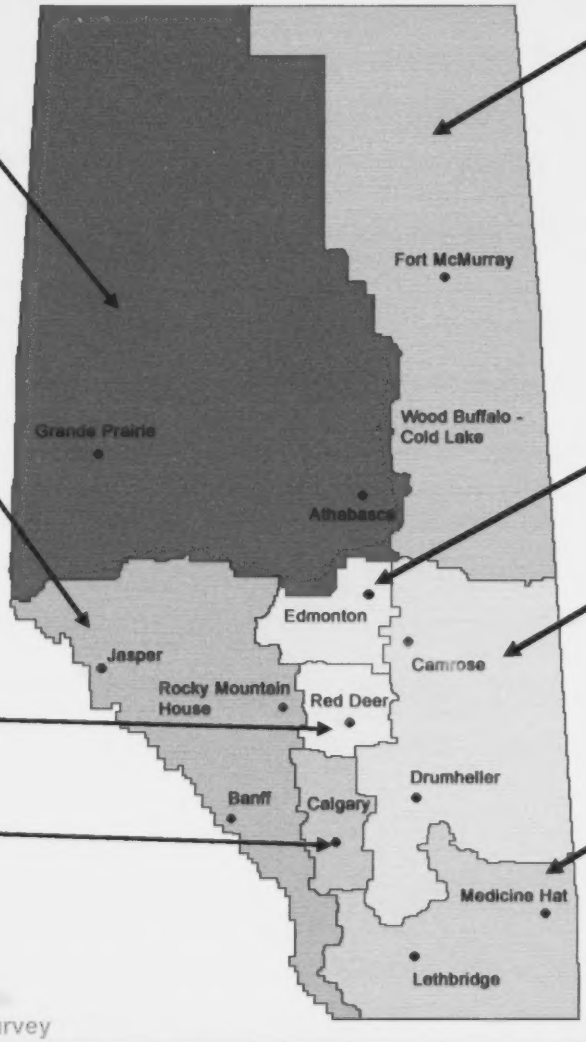
Unemployment Rate: 5.8%

Calgary:

Working Age Population: 1,110,900

Labour Force: 826,400

Unemployment Rate: 5.7%



Wood Buffalo – Cold Lake:

Working Age Population: 103,000

Labour Force: 83,200

Unemployment Rate: 5.2%

Edmonton:

Working Age Population: 1,000,700

Labour Force: 732,700

Unemployment Rate: 5.5%

Camrose – Drumheller:

Working Age Population: 156,000

Labour Force: 112,300

Unemployment Rate: 4.5%

Lethbridge – Medicine Hat:

Working Age Population: 219,200

Labour Force: 148,400

Unemployment Rate: 5.5%

Data Source: Statistics Canada, 2011 Labour Force Survey

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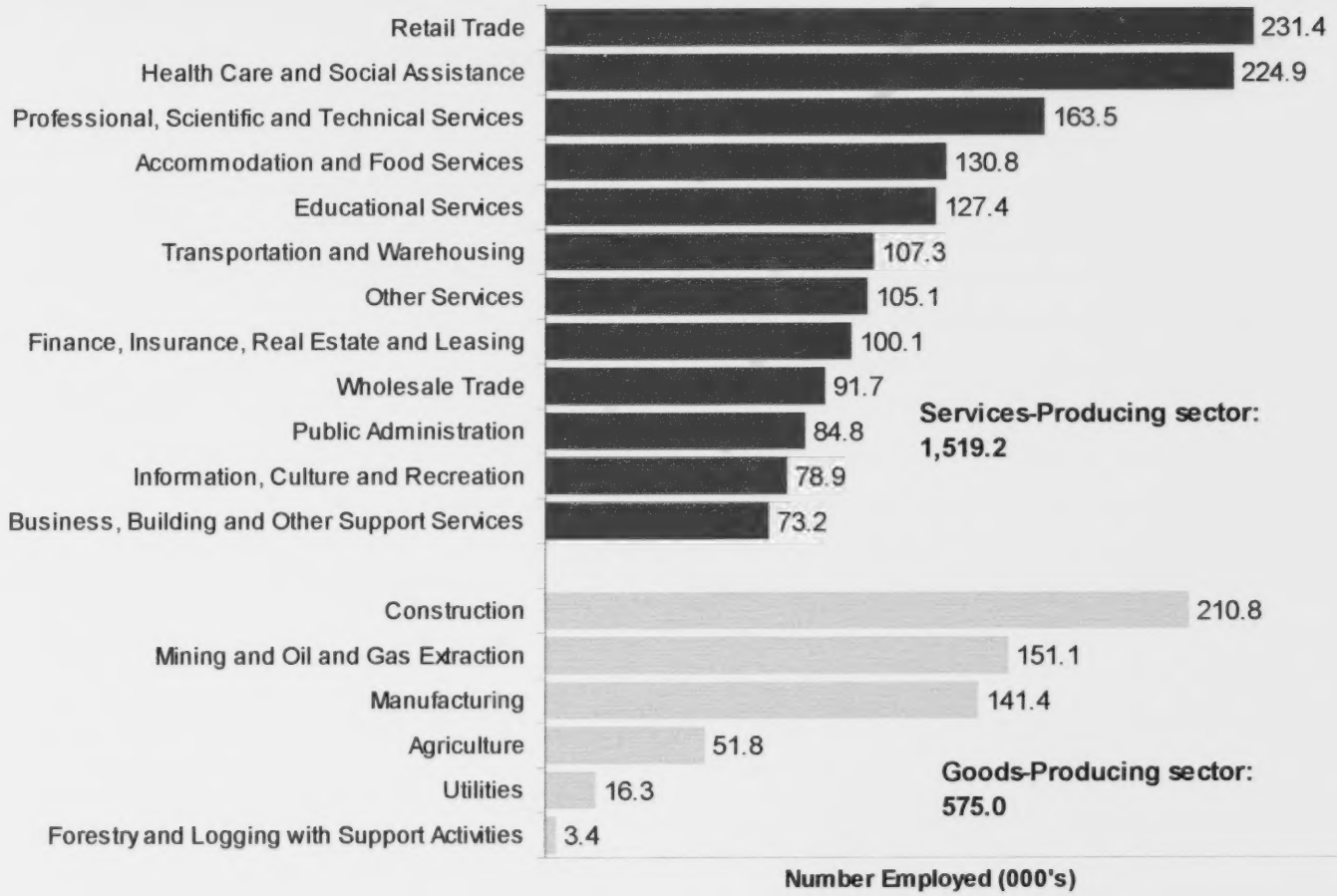
Human Services

Alberta
Employment by Industry, 2011


Retail Trade 231.4
Health Care and Social Assistance 224.9
Professional, Scientific and Technical Services 163.5
Accommodation and Food Services 130.8
Educational Services 127.4
Transportation and Warehousing 107.3
Other Services 105.1
Finance, Insurance, Real Estate and Leasing 100.1
Wholesale Trade 91.7
Public Administration 84.8
Information, Culture and Recreation 78.9
Business, Building and Other Support Services 73.2
Services-Producing sector: 1,519.2
Construction 210.8
Mining and Oil and Gas Extraction 151.1
Manufacturing 141.4
Agriculture 51.8
Utilities 16.3
Forestry and Logging with Support Activities 3.4
Goods-Producing sector: 575.0
Number Employed (000's)

Data Source: Statistics Canada, 2011 Labour Force Survey

Government of Alberta ■
Human Services

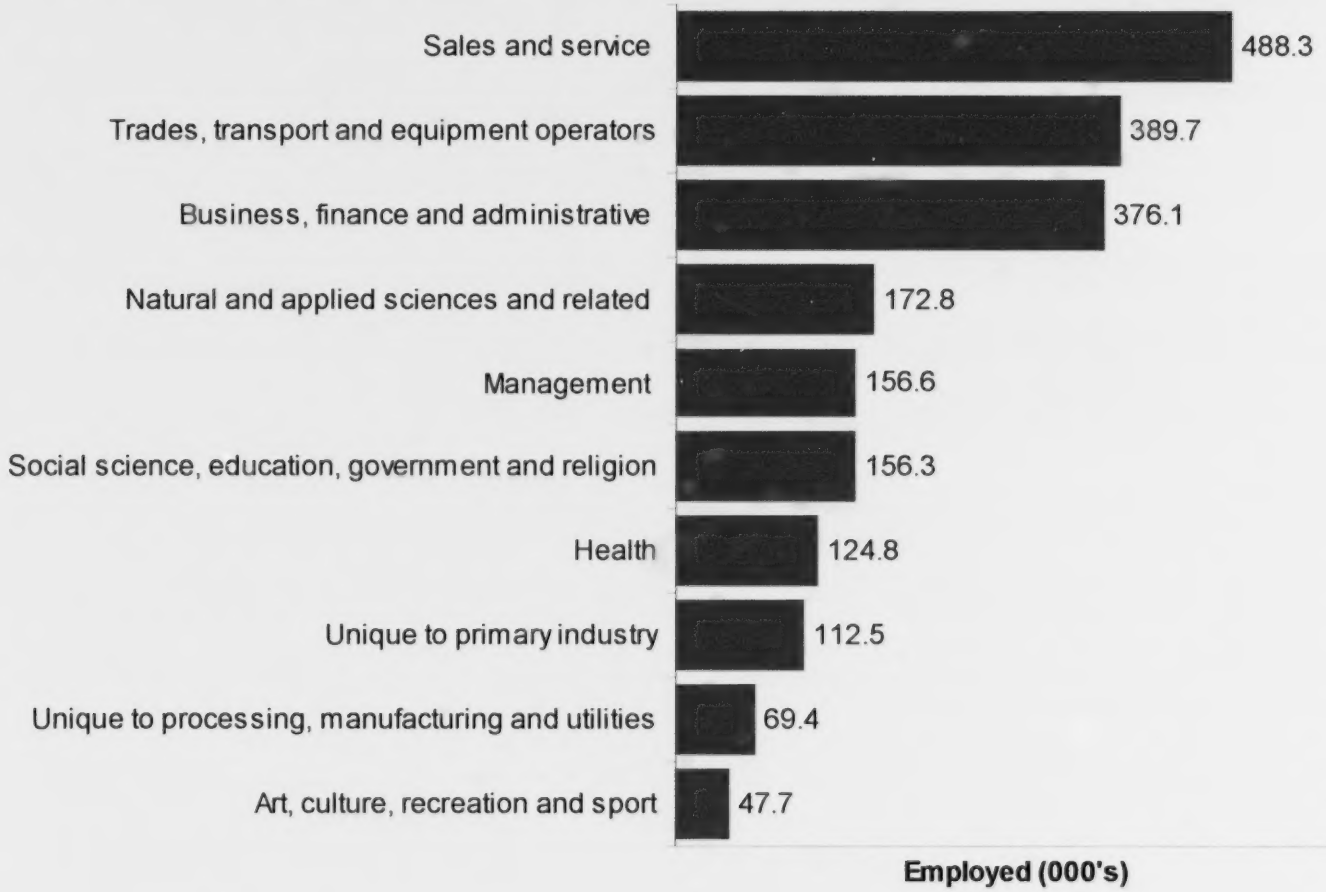
Alberta

Change in Employment by Industry

Change in Employment by Industry, 2010 - 2011			
	2010 (000's)	2011 (000's)	% Change
Total, all industries	2,016.6	2,094.1	3.8%
Goods-Producing Sector	540.2	575.0	6.4%
Agriculture	47.1	51.8	10.0%
Forestry and Logging with Support Activities	3.4	3.4	0.0%
Mining and Oil and Gas Extraction	140.2	151.1	7.8%
Utilities	18.4	16.3	-11.4%
Construction	206.5	210.8	2.1%
Manufacturing	124.6	141.4	13.5%
Services-Producing Sector	1,476.4	1,519.2	2.9%
Wholesale Trade	74.5	91.7	23.1%
Retail Trade	231.5	231.4	0.0%
Transportation and Warehousing	104.9	107.3	2.3%
Finance, Insurance, Real Estate and Leasing	105.2	100.1	-4.8%
Professional, Scientific and Technical Services	150.9	163.5	8.3%
Business, Building and Other Support Services	72.9	73.2	0.4%
Educational Services	129.5	127.4	-1.6%
Health Care and Social Assistance	219.3	224.9	2.6%
Information, Culture and Recreation	77.0	78.9	2.5%
Accommodation and Food Services	125.2	130.8	4.5%
Other Services	98.4	105.1	6.8%
Public Administration	86.9	84.8	-2.4%

Data Source: Statistics Canada, 2011 Labour Force Survey

Alberta
Employment by Occupation, 2011



Data Source: Statistics Canada, 2011 Labour Force Survey

Government of Alberta ■
Human Services

Alberta

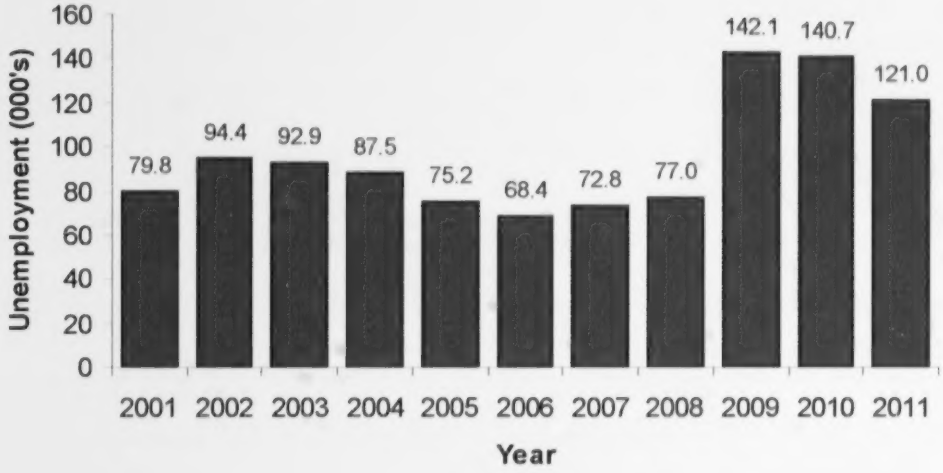
Change in Employment by Occupation

Change in Employment by Occupation, 2010 - 2011			
	2010 (000's)	2011 (000's)	% Change
Total, all occupations	2,016.6	2,094.1	3.8%
Management occupations	162.5	156.6	-3.6%
Business, finance and administrative occupations	354.4	376.1	6.1%
Natural and applied sciences and related occupations	156.5	172.8	10.4%
Health occupations	122.0	124.8	2.3%
Occupations in social science, education, government service and religion	157.9	156.3	-1.0%
Occupations in art, culture, recreation and sport	44.4	47.7	7.4%
Sales and service occupations	478.6	488.3	2.0%
Trades, transport and equipment operators and related occupations	373.2	389.7	4.4%
Occupations unique to primary industry	106.7	112.5	5.4%
Occupations unique to processing, manufacturing and utilities	60.4	69.4	14.9%

Data Source: Statistics Canada, 2011 Labour Force Survey

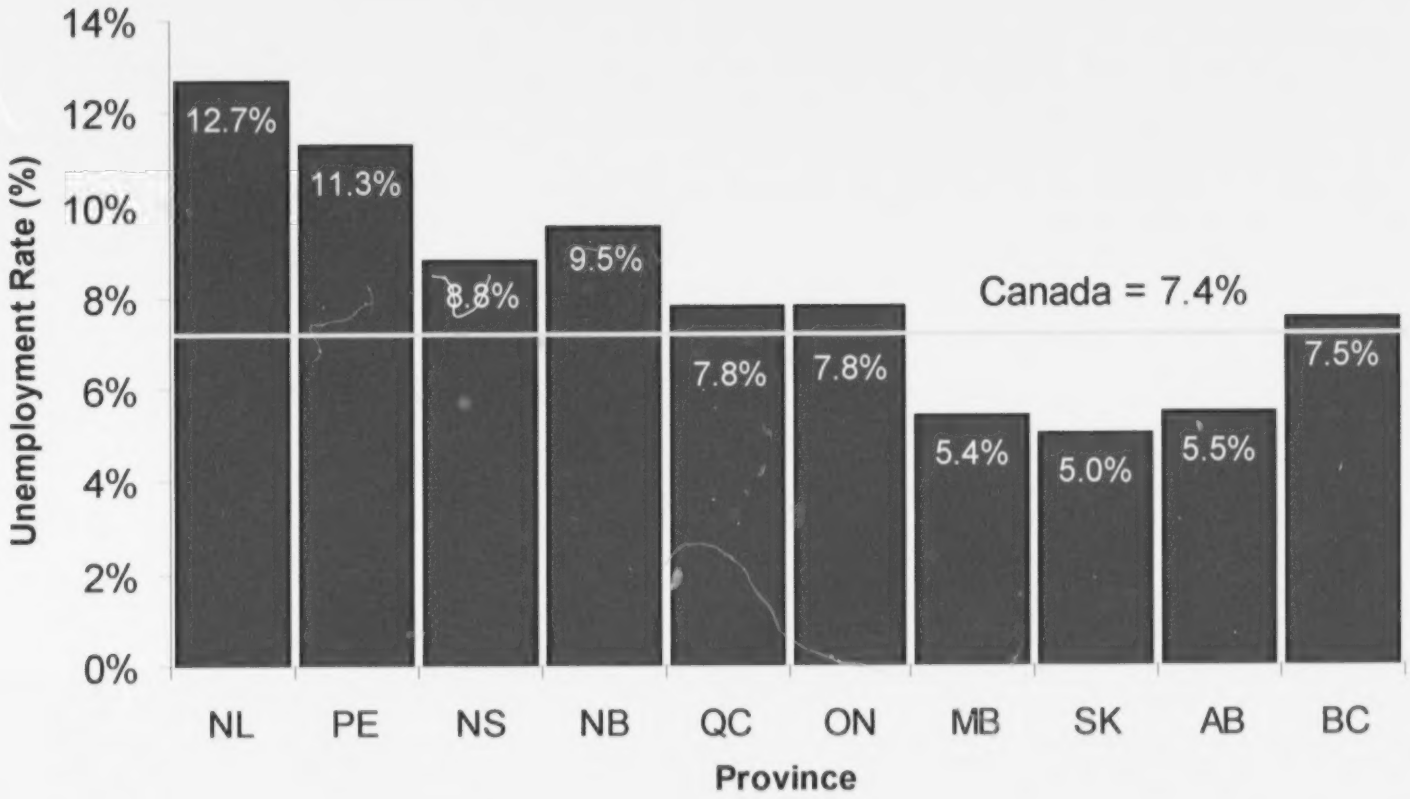
Alberta
Historical Unemployment, 2001 - 2011

Unemployment is declining after reaching a recessionary high of 142,100 in 2009.



Data Source: Statistics Canada, 2011 Labour Force Survey

Canada and Provinces
Unemployment Rate, 2011



Data Source: Statistics Canada, 2011 Labour Force Survey

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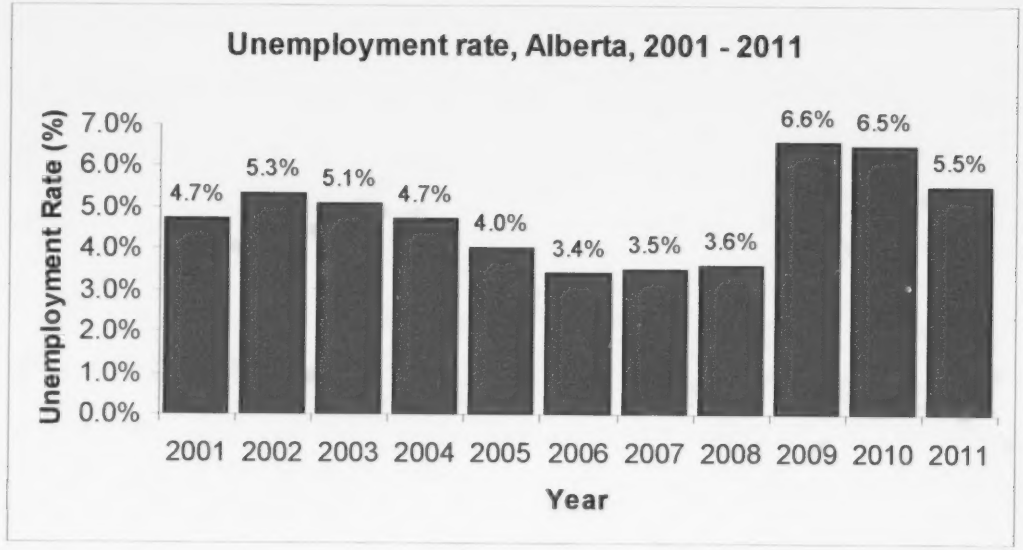
Human Services

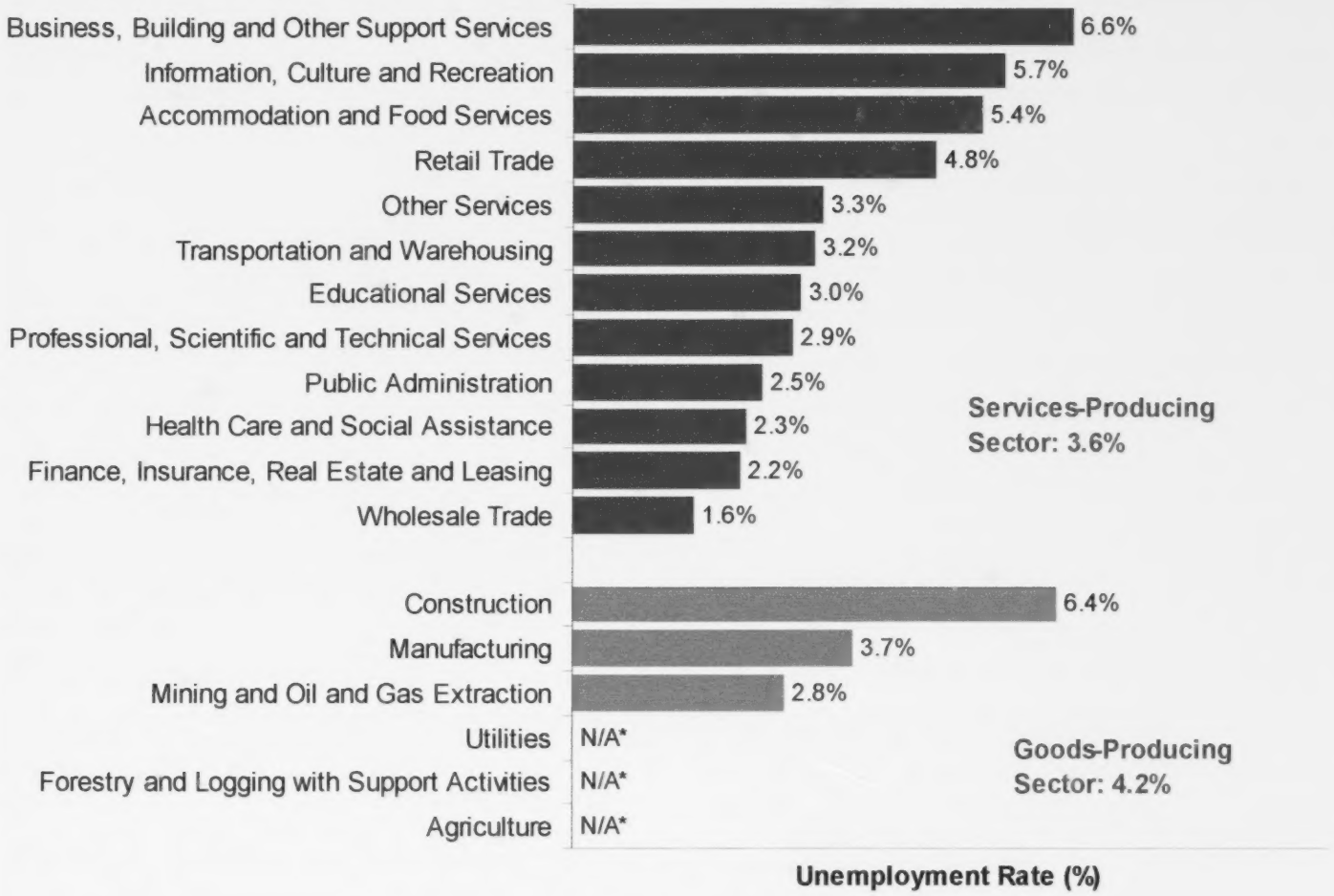
Alberta's Unemployment Rate, 2001 - 2011

The unemployment rate in 2011 was 2.1 percentage points lower than its recessionary peak of 7.5% in April 2010.



Data Source: Statistics Canada, 2011 Labour Force Survey

Alberta
Unemployment Rate by Industry, 2011



* N/A denotes data suppressed by Statistics Canada

Data Source: Statistics Canada, 2011 Labour Force Survey

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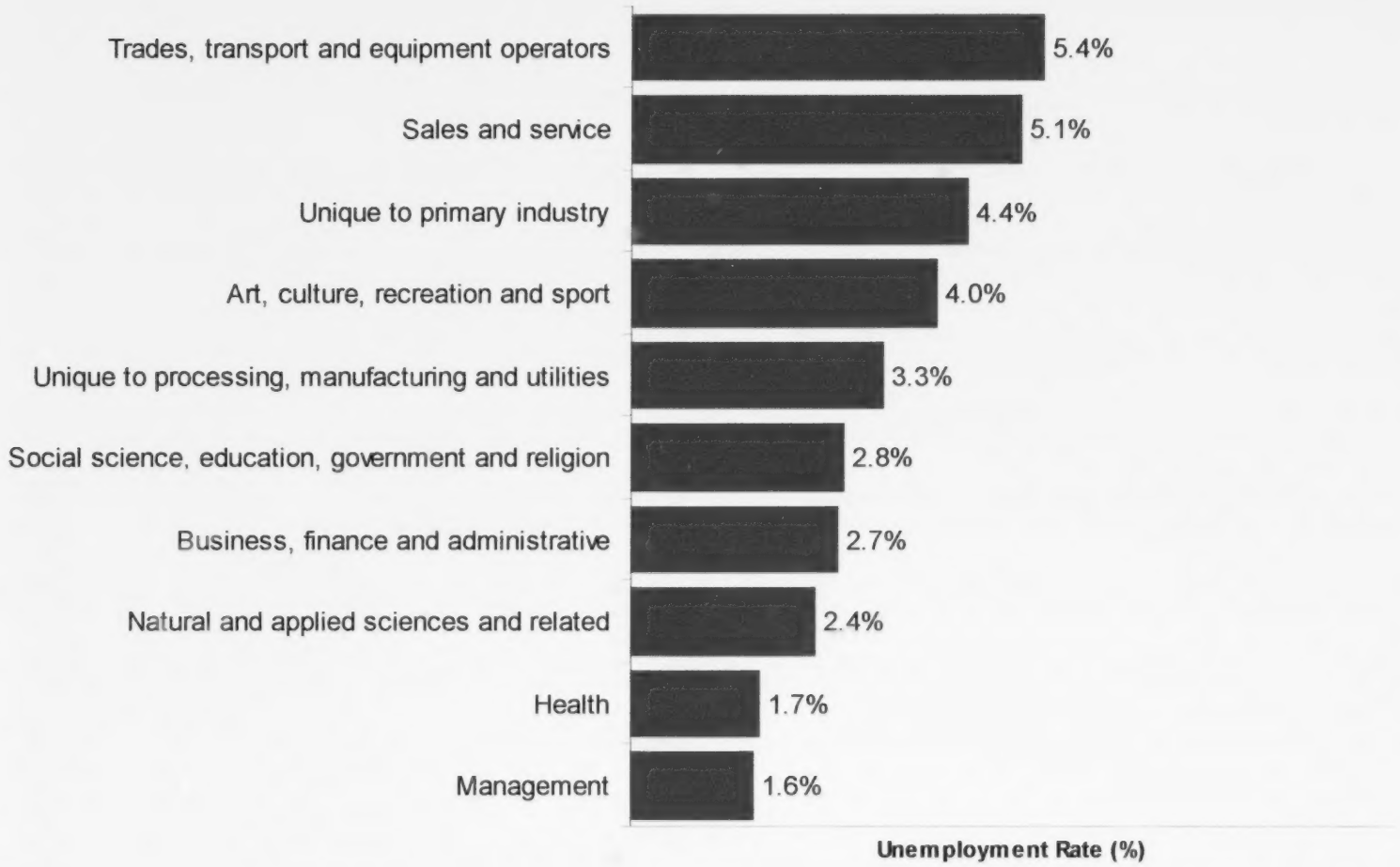
Human Services

Alberta
Unemployment Rate by Occupation, 2011

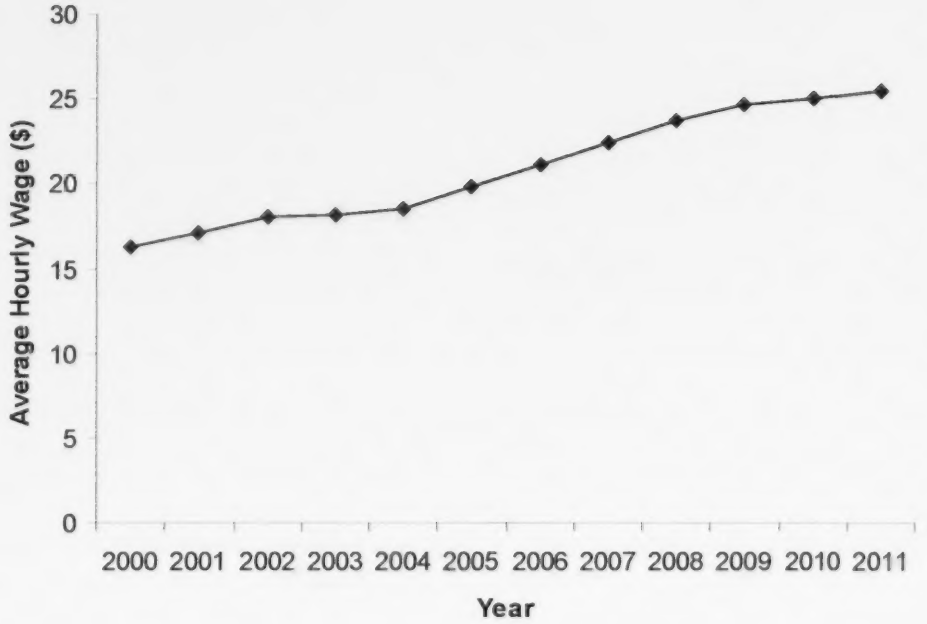


Data Source: Statistics Canada, 2011 Labour Force Survey

Government of Alberta
Human Services

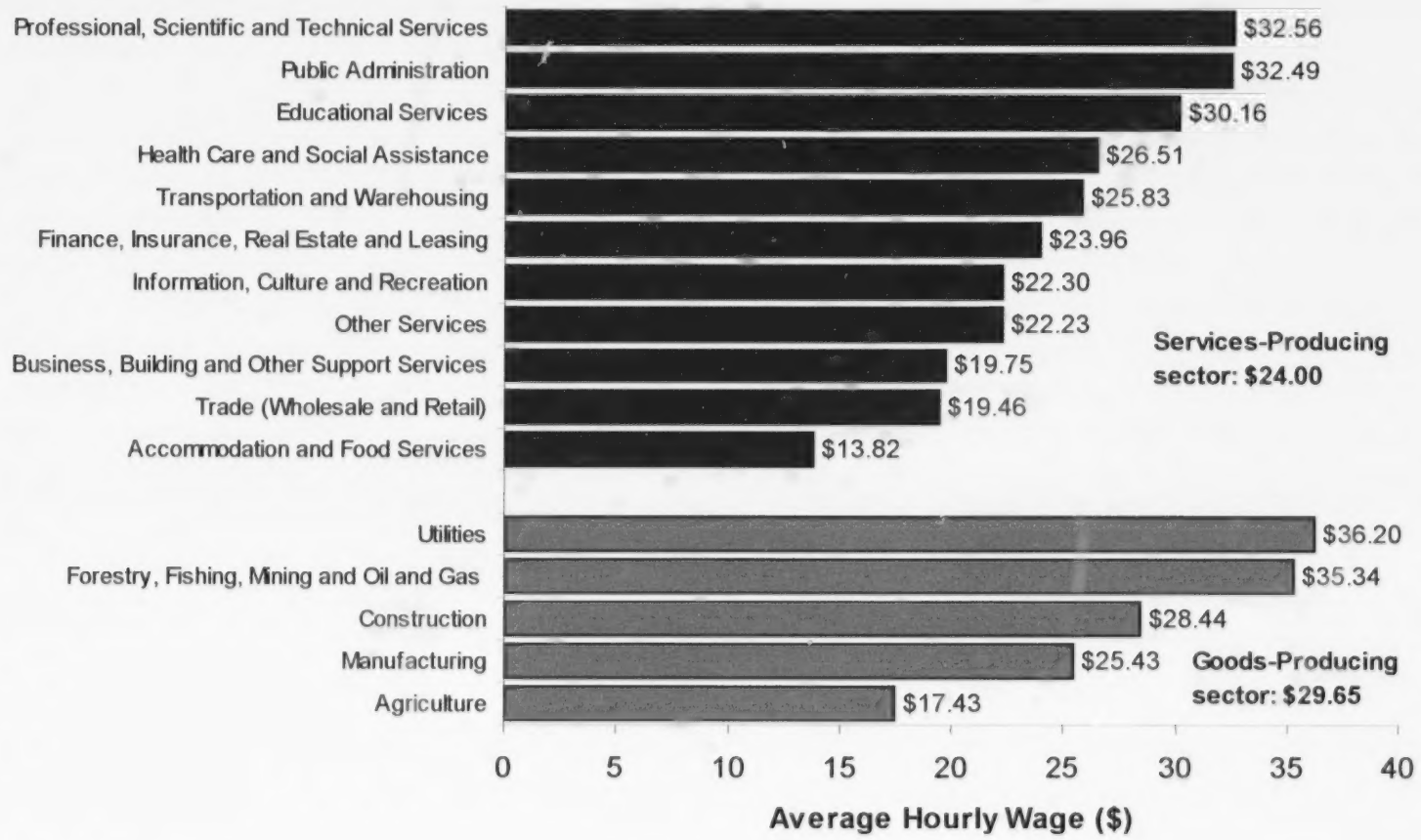
Alberta
Average Hourly Wages, 2000 - 2011

- Alberta's average hourly wage rate increased by 42 cents in 2011 to $25.47.
- Alberta has had the highest average hourly wage rate in Canada since 2006.



Data Source: Statistics Canada, 2011 Labour Force Survey

Alberta
Average Hourly Wage by Industry, 2011



Data Source: Statistics Canada, 2011 Labour Force Survey

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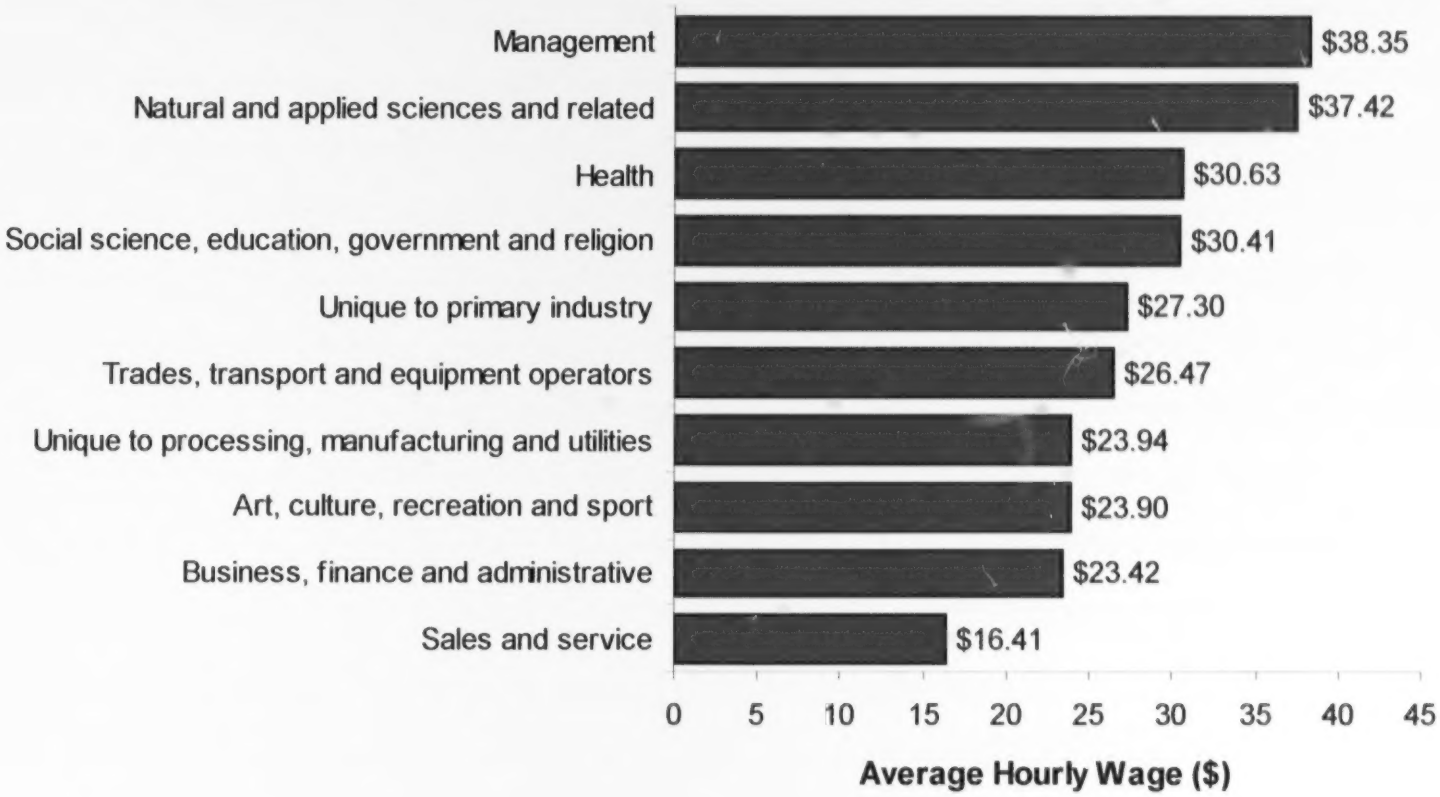
Human Services

Alberta
Average Hourly Wage by Occupation, 2011



Data Source: Statistics Canada, 2011 Labour Force Survey

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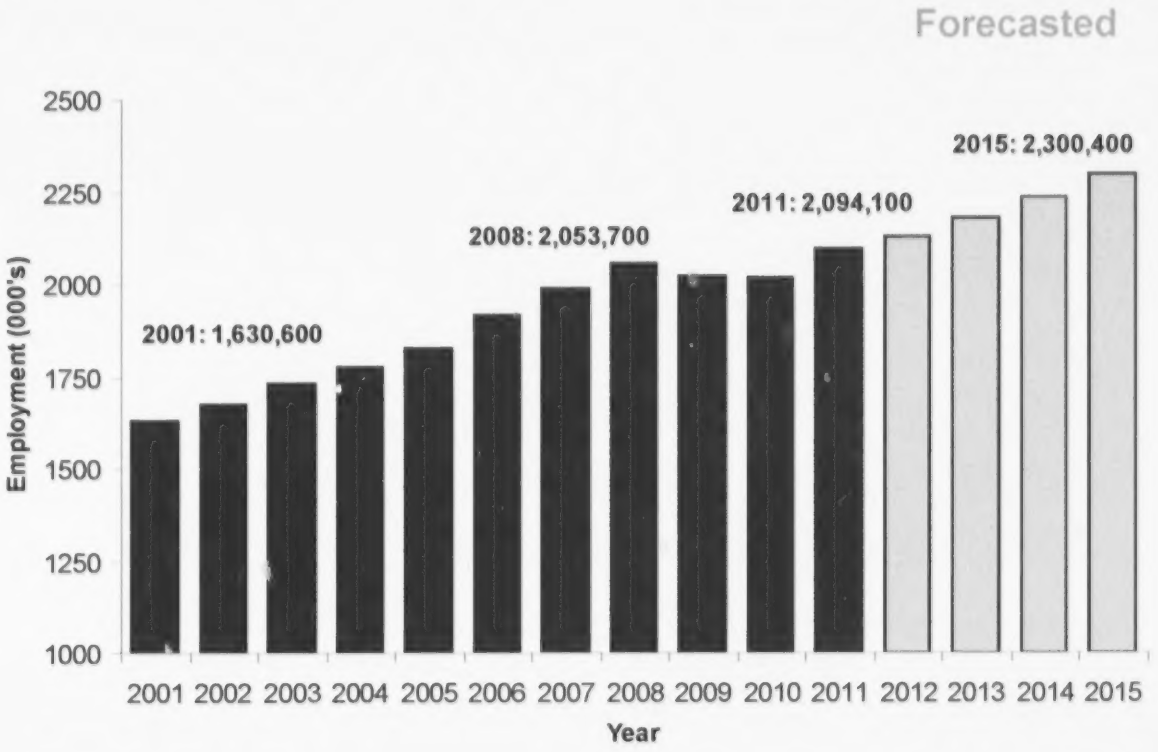
Human Services

Alberta
Employment, 2001-2015

From 2012 to 2015, the number of employed Albertans is expected to increase by 206,300.



Data Sources: Historical Data: Statistics Canada, 2011 Labour Force Survey
Forecasted: Alberta Regional Occupational Demand Outlook, 2011-2015

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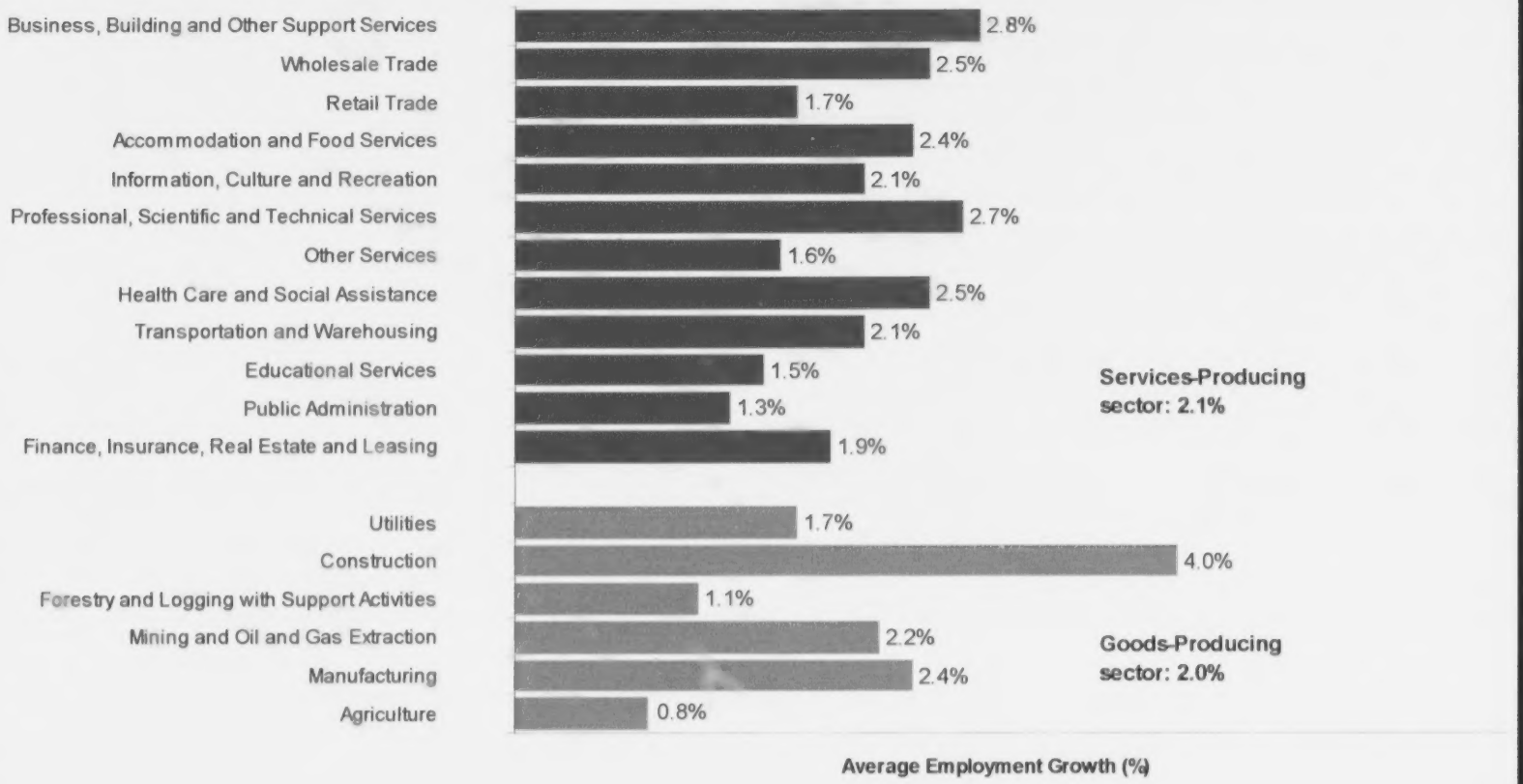
Human Services

Alberta

Average Employment Growth by Industry, 2011-2015



Data Source: Alberta Modified COPS Outlook 2011-2015, Industry Employment Outlook

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Human Services

Alberta

Occupational Demand and Supply Outlook, 2011-2021

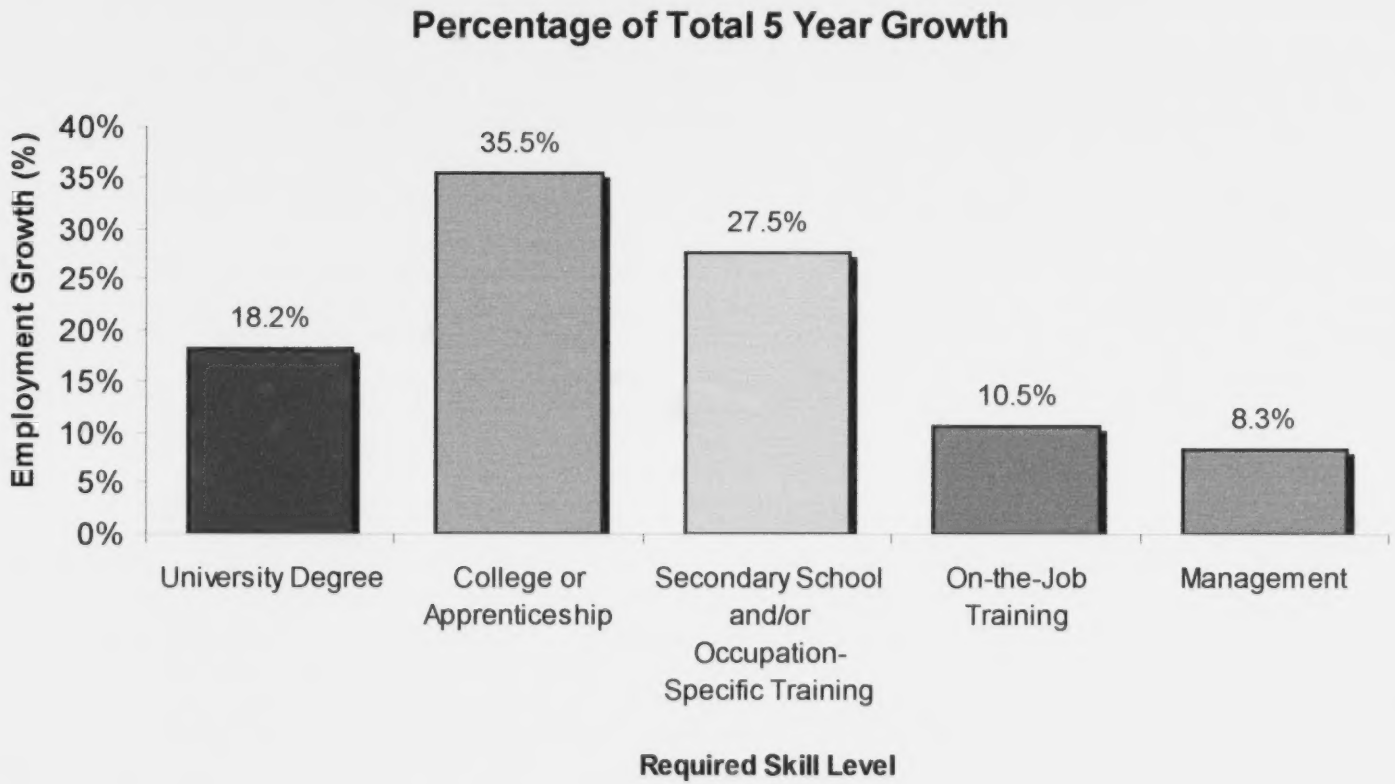
Shortages

Overall Occupational Demand and Supply Outlook for Alberta, 2010 - 2021												
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Demand (000s)	2,016	2,071	2,123	2,176	2,232	2,294	2,360	2,415	2,472	2,522	2,568	2,623
Supply (000s)	2,157	2,196	2,241	2,288	2,337	2,392	2,449	2,496	2,543	2,580	2,611	2,650
Annual Shortage*		15,814	6,397	6,997	6,746	7,279	8,638	8,100	9,909	12,419	15,145	16,834
Cumulative Shortage		15,814	22,211	29,208	35,954	43,233	51,871	59,971	69,880	82,299	97,444	114,278

* Annual shortage = (Demand [year t+1] – Demand [year t]) – (Supply [year t+1] – Supply [year t])

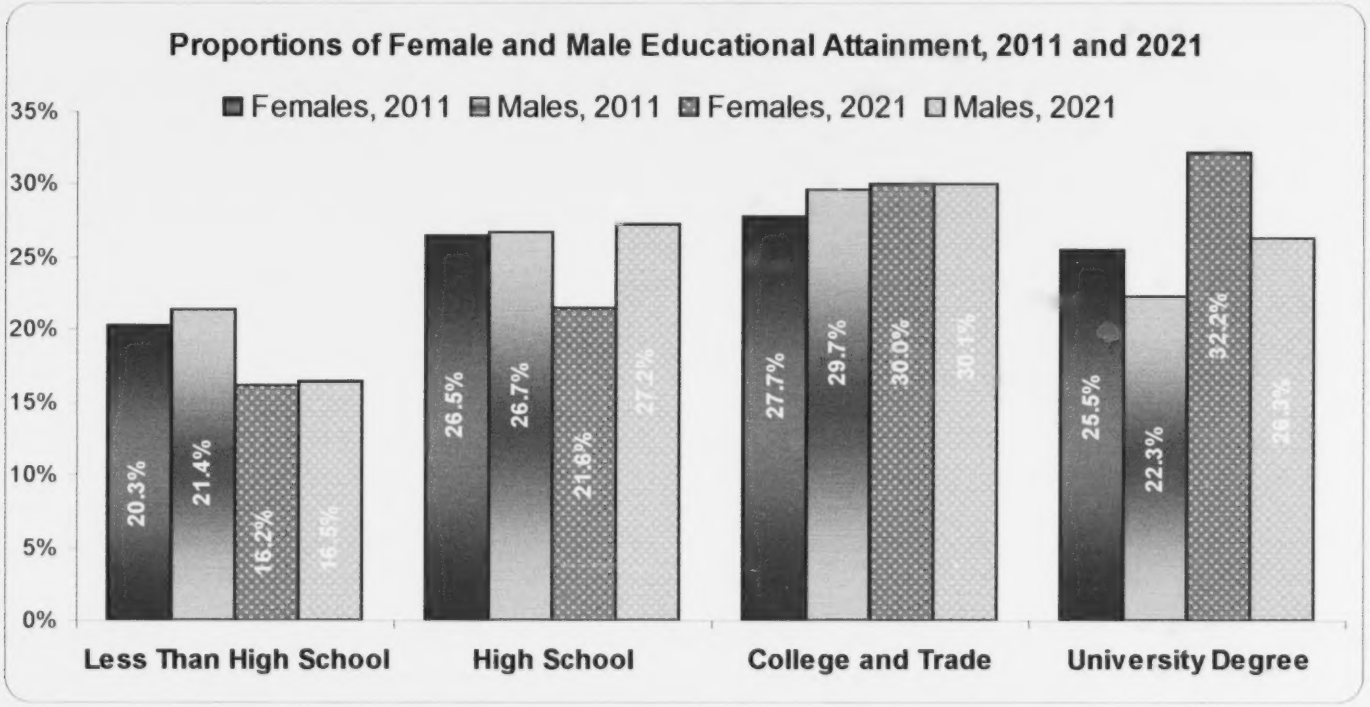
Data Source: Alberta's Occupational Demand and Supply Outlook 2011-2021

Alberta
Total Employment Growth by Skill Level, 2011-2015



Data Source: Alberta Occupational Demand Outlook, 2011-2021, Occupation by Skill

Alberta Outlook, 2011 - 2021
Educational Attainment by Sex



Data Source: Alberta's Occupational Supply Outlook Model
Note: For more information, please refer to
Alberta's Occupational Supply Outlook Model: Education and Skills 2011-2021

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Human Services

Assumptions

- Oil prices are expected to continue being elevated due to continued demand from emerging markets and a rebounding US economy. This will lead to increased oilsands production.
- Labour supply pressures in the oilsands sector are expected to increase.
- Consumer spending is expected to continue to grow owing to the historically low interest rates.
- Net interprovincial migration to Alberta is expected to pick up due to increasing job opportunities and higher wages.
- The unemployment rate is expected to continue to decline this year.

For More Information on Departmental Initiatives and Web Sites of Interest . . .

- **Alberta Human Services (Labour Market Information):**

  http://employment.alberta.ca/lmi

- **Alberta Learning Information Service:**

  www.alis.alberta.ca

- **Canada-Alberta JOBS (Job Order Bank Service):**

  www.jobbank.gc.ca

- **Statistics Canada:**

  www.statcan.gc.ca

- **Alberta-Canada (Immigration Information)**

  www.albertacanada.com